



6-30-04

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Customer No. 23713

Marquardt *et al.*

Group Art Unit: 2877

Serial No. 10/786,275

Examiner: Unassigned

Filed: February 24, 2004

Confirmation No.: 2492

For: OPTICAL IMMERSION PROBE INCORPORATING A SPHERICAL LENS

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as EXPRESS MAIL under 37CFR 1.10 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date **June 28, 2004**

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N. Kemper

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

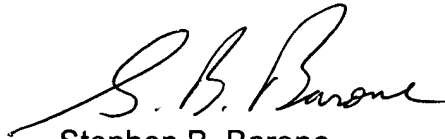
This application is a continuation of U.S. Application Serial No. 10/055,625 filed January 23, 2002. In compliance with the duty of disclosure set forth in 37 C.F.R. 1.97, the Examiner is referred to the file of that application for references cited in that case. For the Examiner's convenience, however, a 1449 form is provided summarizing the cited references in the parent application.

This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as

prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that Applicants know of the best art.

It is believed that this submission does not require the payment of any fees. If this is incorrect, please charge any requisite fees to Deposit Account No. 07-1969.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "S. B. Barone", written in a cursive style.

Stephen B. Barone
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nk: June 28, 2004



Form PTO 1449		
ATTY DOCKET NO. 10-01A	SERIAL NO. 10/786,275	FILING DATE 2/24/04
APPLICANT Marquardt <i>et al.</i>	CONFIRMATION NO. 2492	GROUP 2877

U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	6,466,323	10/15/02	Anderson <i>et al.</i>	356	445	
	6,252,661	06/26/01	Hanna	356	497	
	5,693,043	12/02/97	Kittrell <i>et al.</i>	606	15	
	5,688,261	11/18/97	Amirkhanian <i>et al.</i>	606	17	
	5,579,423	11/26/96	Tanaka <i>et al.</i>	385	35	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Allred, C.D. <i>et al.</i> , "Near-Infrared Raman Spectroscopy of Liquids and Solids with a Fiber-Optic Sampler, Diode Laser, and CCD Detector;" (1990) <i>Applied Spectroscopy</i> 44 (7):1229-1231.
		Angel, S.M. <i>et al.</i> , "Some New Uses for Filtered Fiber-Optic Raman Probes: in Situ Drug Identification and in Situ and Remote Raman Imaging," (1999) <i>J. Raman Spectrosc.</i> 30 :795-805.

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			Aust, J.F. <i>et al.</i> , "In Situ Analysis of a High-temperature Cure Reaction in Real Time Using Modulated Fiber-optic Ft-raman Spectroscopy," (1999) <i>Applied Spectroscopy</i> 53 (6):682-686.
			Cooney, T.F. <i>et al.</i> , "Comparative Study of Some Fiber-optic Remote Raman Probe Designs. Part I: Model for Liquids and Transparent Solids," (1996) <i>Applied Spectroscopy</i> 50 (7):836-848.
			Cooney, T.F. <i>et al.</i> , "Comparative Study of Some Fiber-Optic Remote Raman Probe Designs. Part II: Tests of Single-Fiber, Lensed, and Flat- and Bevel-Tip Multi-Fiber Probes," (1996) <i>Applied Spectroscopy</i> 50 (7):849-860.
			Cooney, T.F. <i>et al.</i> , "Rare-Earth-Doped Glass Fiber for Background Rejection in Remote Fiber-Optic Raman Probes: Theory and Analysis of Holmium-Bearing Glass," (1993) <i>Applied Spectroscopy</i> 47 (10):1683-1692.
			Dai, S. <i>et al.</i> , "Accurate Procedure for Determining the Calibration Curve of High-Temperature Molten Salt Systems via Raman Spectroscopy," (1993) <i>Applied Spectroscopy</i> 47 (8):1286-1288.
			Dai, S. <i>et al.</i> , "Temperature Measurement by Observation of the Raman Spectrum of Diamond," (1992) <i>Applied Spectroscopy</i> 44 :1229-1231.
			Gilmore, D.A. <i>et al.</i> , "Quantitative Detection of Environmentally Important Dyes Using Diode Laser/fiber-optic Raman Spectroscopy," (1995) <i>Applied Spectroscopy</i> 49 (4):508-511.
			Lin, L-T <i>et al.</i> , "Feasibility of Quantitative Uv Resonance Raman Spectroscopy with a Krf Excimer Laser," (1987) <i>Applied Spectroscopy</i> 41 :422-427.
			Ma, J. <i>et al.</i> , "Fiber Raman Background Study and its Application in Setting up Optical Fiber Raman Probes," (1996) <i>Applied Optics</i> 35 (15):2527-2533.
			Marquardt, B.J. <i>et al.</i> , "Demonstration of a High Precision Optical Probe for Effective Sampling of Solids by Raman Spectroscopy," (October 2001) <i>Proc. SPIE</i> Vol. 4469 :62-69, Raman Spectroscopy and Light Scattering Technologies in Materials Science, David L. Andrews; Ed.
			McCreery, R.L. <i>et al.</i> , "Fiber Optic Probe for Remote Raman Spectrometry," (1983) <i>Anal. Chem.</i> 55 :146-148.
			Schwab, S.D. <i>et al.</i> , "Remote, Long-Pathlength Cell for High-Sensitivity Raman Spectroscopy," (1987) <i>Applied Spectroscopy</i> 41 :126-130.

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		Schwab, S.D. <i>et al.</i> , "Normal and Resonance Raman Spectroelectro-Chemistry with Fiber Optic Light Collection," (1986) <i>Anal. Chem.</i> 58 :2486-2492.		
		Trott, G.R. <i>et al.</i> , "Angular Resolved Raman Scattering Using Fiber Optic Probes," (November 1980) <i>Rev. Sci. Instrum.</i> 51 (11):1493-1496.		
		Wang, C. <i>et al.</i> , "In Situ Monitoring of Emulsion Polymerization Using Fiber-Optic Raman Spectroscopy," (1992) <i>Applied Spectroscopy</i> 46 (11):1729-1731.		
		Xiao, H. <i>et al.</i> , "Quantitative Raman Spectral Measurements Using a Diamond-Coated All-Silica Fiber-Optic Probe," (1998) <i>Applied Spectroscopy</i> 52 :626-628.		
		Zheng, X. <i>et al.</i> , "Self-Referencing Raman Probes for Quantitative Analysis," (2001) <i>Applied Spectroscopy</i> 55 (4):382-388.		
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EXAMINER	DATE CONSIDERED			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>				

12/20/89